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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	10/830,210
		Filing Date	April 21, 2004
		First Named Inventor	Mark S. Knighton
		Art Unit	2622
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	18	Attorney Docket Number	4956P017

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">-Return Receipt Postcard (1)</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Thomas M. Coester, Reg. No. 39,637 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	<i>Thomas Coester</i>
Date	September 28, 2004

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Susan M. Barrette		
Signature	<i>Susan M. Barrette</i>	Date	September 28, 2004



FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number 10/830,210
Filing Date April 21, 2004
First Named Inventor Mark S. Knighton
Examiner Name Not Yet Assigned
Art Unit 2622
Attorney Docket No. 4956P017

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account

Deposit Account Number

02-2666

Deposit Account Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES

Total Claims - 20^{**} = X =
Independent Claims - 3 = X =
Multiple Dependent =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

^{**}or number previously paid, if greater, For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920 *	1804	920 *	* Requesting publication of SIR prior to Examiner action	
1805	1,840 *	1805	1,840 *	* Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1404	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Thomas M. Coester Registration No. 39,637 Telephone (310) 207-3800
Signature *Thomas Coester* Date 09/28/04



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

MARK S. KNIGHTON, ET AL.

Application No.: 10/830,210

Filed: April 21, 2004

For: **HAND HELD PORTABLE THREE
DIMENSIONAL SCANNER**

Art Group: 2622

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

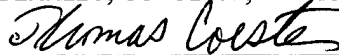
It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



Thomas M. Coester, Reg. No. 39,637

Date: September 28, 2004

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (310) 207-3800

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Susan M. Barrette

09-28-04

Date

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number		10/830,210			
Filing Date		April 21, 2004			
First Named Inventor		Mark S. Knighton			
Art Unit		2622			
Examiner Name		Not Yet Assigned			
Attorney Docket Number		4956P017			
Sheet	2	of	12		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	*	INTERNET WORLD, <i>Four Phographic VR Technologies</i> , December 7, 1998, Page 37, Volume 4, No. 40	
	*	WORLD WIDE WEB, <i>ImageZoom 1.0 (Applet)</i> , Internet, June 11, 1999, URL: http://www.digitalcats.com/US/search/rid00004281.html	
	*	BE HERE CORPORATION, <i>360 Video</i> , Internet, November 10, 2000, http://www.behere.com/process.htm	
	*	REMOTE REALITY, <i>Company Overview/Products and Services</i> , Internet	
	*	QTVR RESOURCES, <i>Resources</i> , Internet, November 10, 2000, http://www.vet.cornell.edu/webweeks/tutorials_quicktime/qtvrresources.htm	
	*	DMOZ, <i>Open Directory Project</i> , Internet, November 10, 2000, http://dmoz.org/Arts/Photography/Panoramic/Cameras_and_Software/	
	*	KAIDAN INCORPORATED, <i>New Product Announcements</i> , November 10, 2000, wysiwyg://100/http://www.kaidan.com/alliances.html	

Examiner Signature	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.
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The PTO did not receive the following
listed item(s) References marked as asterisk "*"

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR**

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/830,210
				Filing Date	April 21, 2004
				First Named Inventor	Mark S. Knighton, et al.
				Group Art Unit	2622
				Examiner Name	Not Assigned
Sheet	5	of	12	Attorney Docket Number	004956.P017

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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				Group Art Unit	2622
Examiner Name				Not Assigned	
Sheet	6	of	12	Attorney Docket Number	
				004956.P017	

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No. ¹	Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication or Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		6,057,909	Yahav, et al.	05/02/2000	
		6,091,905	Yahav, et al.	07/18/2000	
		6,100,517	Yahav, et al.	08/08/2000	

FOREIGN PATENT DOCUMENTS

Exam. Initials	Cite No.	Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication or Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²

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				Group Art Unit	2622
				Examiner Name	Not Assigned
Sheet 7 of 12	Attorney Docket Number 004956.P017				

U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	AA	5,864,640	01/26/99	J.L. Miramonit, et al.	G06K	7/00	
	AB	5,870,220	02/09/99	A. Migdal, et al.	G02B	26/08	
	AC	5,880,846	03/09/99	Erez Hasman, et al.	G01B	11/24	
	AD	5,907,359	05/25/99	Tohru Watanabe	H04N	3/14	
	AE	5,910,845	06/08/99	Thomas M. Brown	G01B	11/24	
	AF	5,944,598	08/31/99	Alan K.W. Tong, et	A22C	18/00	
	AG	5,988,862	11/23/99	Ben Kacyra, et al.	G06F	17/50	
	AH	5,995,650	11/30/99	A.A. Migdal, et al.	G06K	9/00	
	AI	5,999,641	12/07/99	D.B. Miller, et al.	G06K	9/00	
	AJ	6,137,896	10/24/00	Chang, et al.	G06K	9/00	
	AK	6,016,487	01/18/00	Rioux, et al.	G06F	17/30	

FOREIGN PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Country	Class	Sub-class	Translation Yes	No
	AL							
	AM							
	AN							
	AO							
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OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)

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Sheet	8	of	12	Attorney Docket Number		004956.P017

U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	AA	5,636,025	06/03/1997	L.H. Bieman, et al.	G01B	11/24	
	AB	5,646,733	07/08/1997	Leonard H. Bieman	G01B	11/24	
	AC	5,661,667	08/26/1997	Kurt D. Rueb, et al.	G01B	11/00	
	AD	5,678,546	10/21/1997	Michael Truppe	A61B	5/05	
	AE	5,689,446	11/18/1997	Arjen Sundman, et	G06K	9/00	
	AF	5,704,897	01/06/1998	Michael J. Truppe	A61B	1/04	
	AG	4,737,032	04/12/1988	D.A. Addleman, et al.	G01B	11/24	
	AH	5,747,822	05/05/1998	Michael J. Sinclair, et	G01B	11/00	
	AI	5,771,310	06/23/1998	William M. Vannah	G06K	9/00	
	AJ	5,794,356	08/18/1998	Simon Raab	G01B	7/03	
	AK	5,805,289	09/08/1998	N.R. Corby, Jr., et al.	G01B	11/24	

FOREIGN PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Country	Class	Sub-class	Translation Yes	No
	AL							
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Sheet	9	of	12	Attorney Docket Number	004956.P017

U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	AA	5,708,498	01/13/98	Rioux, et al.	G01B	11/24	
	AB	5,946,645	08/31/99	Rioux, et al.	G06T	17/00	
	AC	5,701,173	12/23/97	Rioux	G01B	11/24	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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Sheet	10	of	12	Attorney Docket Number	004956.P017

U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	AA	5,335,317	08/02/94	J. Yamashita, et al.	G06F	15/72	
	AB	5,337,149	08/09/94	Ghazzan F. Kozah, et	G01B	11/24	
	AC	5,377,011	12/27/94	Stephen K. Koch	G01B	11/24	
	AD	5,414,647	05/09/95	S.E. Ebenstein, et al.	G01C	25/00	
	AE	5,432,622	07/11/95	G.E. Johnson, et al.	H04N	1/04	
	AF	5,471,303	11/28/95	Chiayu Ai, et al.	G01B	11/02	
	AG	5,531,520	07/02/96	W.E.L. Grimson, et al.	G06K	9/00	
	AH	5,592,563	01/07/97	Dov Zahavi	G06K	9/40	
	AI	5,611,147	03/18/97	Simon Raab	G01B	7/03	
	AJ	5,617,645	04/08/97	W.R.W. Wick, et al.	G01B	11/24	
	AK	5,627,771	05/06/97	Toshikazu Makino	G01B	5/008	

FOREIGN PATENT DOCUMENTS

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	AL							
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Sheet 11 of 12	Attorney Docket Number 004956.P017				

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Exam. Initials		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	AA	5,131,844	07/21/92	P.J. Marinaccio, et al.	A61C	19/04	
	AB	5,132,839	07/21/92	Adrian R.L. Travis	G02B	27/22	
	AC	5,135,309	08/04/92	Michael Kuchel, et al.	G01B	9/00	
	AD	5,175,601	12/29/92	John M. Fitts, et al.	G01B	11/24	
	AE	5,216,817	06/08/93	K.W. Misevich, et al.	A61B	5/103	
	AF	5,218,427	06/08/93	Stephen K. Koch	G01B	11/24	
	AG	5,231,470	07/27/93	Stephen K. Koch	G01B	11/04	
	AH	5,285,397	02/08/94	Helmut Heier, et al.	G01B	11/03	
	AI	5,289,264	02/22/94	Hans Steinbichler	G01B	11/24	
	AJ	5,307,292	04/26/94	C.A. Brown, et al.	G01B	21/20	
	AK	5,315,512	05/24/94	James A. Roth	G06F	15/42	

FOREIGN PATENT DOCUMENTS

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	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)

Exam. Initials		Document Identification
✱	AR	www.geometrixinc.com/mainwin.html, "Who says you can't build Rome in a day?", 4 pages
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PTO/SB/08A (08-00)

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/830,210
				Filing Date	April 21, 2004
				First Named Inventor	Mark S. Knighton, et al.
				Group Art Unit	2622
				Examiner Name	Not Assigned
Sheet 12 of 12	Attorney Docket Number 004956.P017				

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AN							
AO							
AP							
AQ							

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Exam. Initials	Document Identification
* AR	www.pointcloud.com/pages/Home.html, "Point Cloud," 5 pages
* AS	www.inharmonytech.com/venus3d.index.html, "Introducing Venus 3D," 4 pages
* AT	deskeng.com/3dd.htm, "Desktop Engineering, The Complete Computing Resource for Engineers," 1977 Helmers Publishing, Inc., 1 page

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